

L Number	Hits	Search Text	DB	Time stamp
6	4114	((257/757) or (257/773) or (257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (438/688) or (438/643) or (438/648) or (257/757) or (257/758) or (257/765) or (257/771)).CCLS.) and 'aluminum'	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/15 13:15
9	320	@ad<=19990908 and 'polycrystal' with 'aluminum'	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/15 13:16
10	437	@ad<=19990908 and (438/652).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/15 13:51
-	2	("6214723").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/02 12:50
-	1	"5270255".PN.	USPAT	2002/07/18 07:59
-	1	"5459353".PN.	USPAT	2002/07/18 07:59
-	1	"5844318".PN.	USPAT	2002/07/18 08:01
-	1	"5278449".PN.	USPAT	2002/07/18 08:01
-	1	"5341026".PN.	USPAT	2002/07/18 08:02
-	1	"5567987".PN.	USPAT	2002/07/18 08:02
-	1	"5459353".PN.	USPAT	2002/07/18 08:02
-	1	"5523259".PN.	USPAT	2002/07/18 08:02
-	1	"5572072".PN.	USPAT	2002/07/18 08:02
-	1	"5844318".PN.	USPAT	2002/07/18 08:02
-	0	@ad<=19990908 and 'conductive layer' with 'Aluminum' with 'recess'	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 08:34
-	4	@ad<=19990908 and 'conductive layer' with 'Al' with 'recess'	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 08:06
-	51	@ad<=19990908 and 'conductive layer' with 'crystal grain'	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/18 09:48
-	1	"4639277".PN.	USPAT	2002/07/18 08:23
-	1	"4693759".PN.	USPAT	2002/07/18 08:23
-	1	"4837183".PN.	USPAT	2002/07/18 08:23
-	1	"5028550".PN.	USPAT	2002/07/18 08:23
-	1	"5084403".PN.	USPAT	2002/07/18 08:23
-	1	"5084403".PN.	USPAT	2002/07/18 08:24
-	1	"4566175".PN.	USPAT	2002/07/18 08:25

Search History 9/15/03 1:59:51 PM Page 1

-	1	"4613956".PN.	USPAT	2002/07/18
-	1	"4613956".PN.	USPAT	08:25
-	1	"5256894".PN.	USPAT	2002/07/18
-	1	"4613956".PN.	USPAT	08:26
-	494	@ad<=19990908 and (257/755).ccls.	USPAT;	2002/07/18
			US-PGPUB;	08:26
			EPO; JPO;	2003/09/15
			DERWENT;	13:49
			IBM TDB	
-	292	@ad<=19990908 and 'low temperature' near 'aluminum'	USPAT;	2002/07/18
			US-PGPUB;	08:41
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	1357	@ad<=19990908 and 'interconnection' near 'aluminum'	USPAT;	2002/07/18
			US-PGPUB;	08:43
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	110	(@ad<=19990908 and 'interconnection' near 'aluminum') and 'low temperature' and 'high temperature'	USPAT;	2002/07/18
			US-PGPUB;	09:20
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	10	@ad<=19990908 and 'low temperature aluminum' and 'high temperature aluminum'	USPAT;	2002/07/18
			US-PGPUB;	09:23
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	1333	@ad<=19990908 and (257/773).ccls.	USPAT;	2002/07/18
			US-PGPUB;	10:22
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	3	@ad<=19990908 and 'conductive layer' with 'polycrystal grain'	USPAT;	2002/11/26
			US-PGPUB;	15:59
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	12	@ad<=19990908 and 'conductive layer' with 'crystal grain boundary'	USPAT;	2002/07/18
			US-PGPUB;	11:59
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	3429	((257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (257/771)).CCLS.	USPAT;	2002/11/27
			US-PGPUB;	10:35
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	1489	((257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (257/771)).CCLS.) and @ad<=19990908 and 'aluminum'	USPAT;	2002/11/27
			US-PGPUB;	10:35
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	30	@ad<=19990908 and 'polycrystal' near 'aluminum'	USPAT;	2002/07/18
			US-PGPUB;	12:01
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	323	@ad<=19990908 and 'polycrystal' with 'aluminum'	USPAT;	2003/09/15
			US-PGPUB;	13:15
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	1	"5270255".PN.	USPAT	2002/11/26
-	1	"5270255".PN.	USPAT	15:25
			USPAT	2002/11/26
				15:25

Search History 9/15/03 1:59:51 PM Page 2

-	1	"5459353".PN.	USPAT	2002/11/26
-	1	"5523259".PN.	USPAT	15:25 2002/11/26
-	1	"5844318".PN.	USPAT	15:25 2002/11/26
-	2	@ad<=19990908 and 'conductive layer' same 'recess' same 'crystal grain'	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/26 16:00
-	7143	((257/757) or (257/773) or (257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (438/688) or (438/643) or (438/648) or (257/757) or (257/758) or (257/765) or (257/771)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 10:38
-	3586	((257/757) or (257/773) or (257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (438/688) or (438/643) or (438/648) or (257/757) or (257/758) or (257/765) or (257/771)).CCLS.) and 'aluminum'	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/15 13:13
-	1	"4631804".PN.	USPAT; US-PGPUB	2002/11/27 10:51
-	762	((257/757) or (257/773) or (257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (438/688) or (438/643) or (438/648) or (257/757) or (257/758) or (257/765) or (257/771)).CCLS.) and 'aluminum' and 'crystal'	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 10:52
-	128	((257/757) or (257/773) or (257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (438/688) or (438/643) or (438/648) or (257/757) or (257/758) or (257/765) or (257/771)).CCLS.) and 'aluminum' and 'crystal' same 'boundary'	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/27 10:53
-	245	'solar cell' same 'silicon substrate' and 'glass' and @ad<=19990908	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/02 12:58
-	2	'solar cell' same 'silicon substrate' near 'glass' and @ad<=19990908	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/02 13:24
-	3	("4419533").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/02 13:25
-	3	("4532372") or ("4598306").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/02 13:25